

Attorney Docket No. 14083-002001  
Appl. No. 10/016,475  
Amdt. dated October 10, 2003  
Reply to Office Action mailed June 12, 2003

REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested.

Claims 4-60 stand withdrawn from consideration as being directed to a nonelected invention. In response, these claims are canceled in favor of the divisional application which is concurrently filed.

Claims 1-3 stand rejected under 35 U.S.C 102(b) as allegedly being anticipated by Neff. This contention, however, is respectfully traversed. Moreover, it is respectfully suggested that nothing in Neff teaches or suggests the important claim limitations of the "electronic circuitry generating a signal responsive to relative displacement between the coil forms in the range of microns or less".

The present application describes a special circuit which is extremely insensitive to certain kinds of noise and sound, accordingly, produce unprecedented amounts of accuracy in sensing relative movement of two different coils. In contrast, all that is shown by Neff is a pair of movable coils, with an electronic volt meter and a vacuum tube oscillator. There is nothing taught or suggested in Neff about generating a signal

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"responsive to relative displacement between the coil forms in the range of microns or less".

It is well-established that anticipation of a claim requires that each and every claim element as shown in prior art references. Here, however, there is absolutely no showing of electronic circuitry which could be responsive to a range of microns or less. In fact, it is respectfully suggested that Neff would not be expected to be responsive to such small movements between the coil forms. Neff relates to a gauging head for a pickup coil and teaches nothing about the range of displacement of that pickup coil.

Moreover, however, Neff teaches nothing about any special formation to either the oscillator or the volt meter, and therefore would not be expected to obtain any special or improved range of displacements. Moreover, the vacuum tube circuitry that was suggested to be used by Neff would not be expected to have sensitivities in the range of microns or less.

Therefore, in view of the above amendments and remarks, all of the claim should be in condition for allowance. A formal notice to that effect is respectfully solicited.

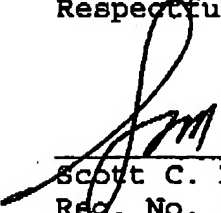
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Respectfully submitted,

Date: 10/10/03

  
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